

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #56—July 21, 2008

Work Completed: July 10-July 16, 2008

- Completed installation of the resuspension control system in Removal Area 12A.
- Began the installation of the resuspension control system for Mid-Channel Area B.
- Began removal and disposal of materials from Staging Area 3S, including HDPE geomembrane liner, geotextile fabric, and aggregate material.
- Continued removing soil and sediment from Removal Areas 11A and 12A.
- Continued to remove floodplain soil from Removal Area 11A.
- Continued post-construction activities in Removal Areas 10B, 11B, and 12B, including the placement of top soil, seeding, and installation of erosion control fabric.
- Continued soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Staging Area 3S and Removal Area 12A to EQ's Wayne County Disposal Facility.
- Continued operation of the WCS.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	1,295	37	2,170	62
2008 Total	6,790	194	33,915	969
Project Total to Date	9,800	280	67,830	1,938

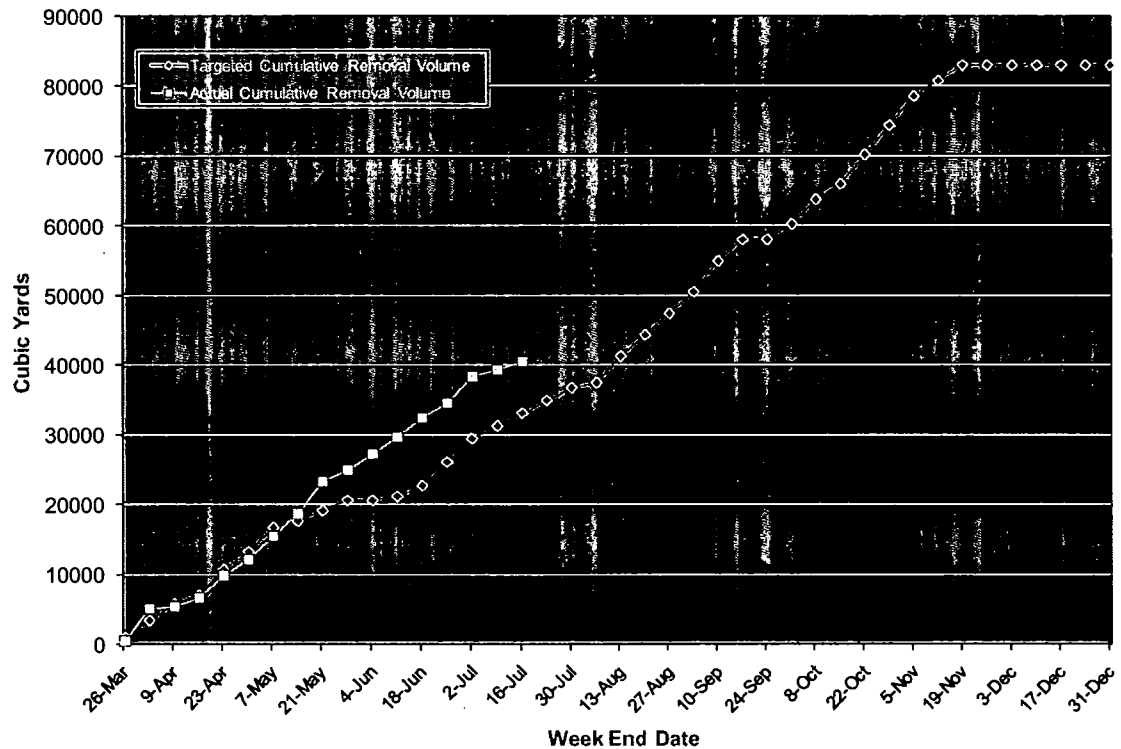
Note: All values are unofficial, estimated quantities, subject to revision/verification.



Work Planned: July 17-July 23, 2008

- Continue removal of soil and sediment from Removal Areas 11A and 12A.
- Continue removal of floodplain soil from Removal Areas 11A, 12A and 13A.
- Continue post-construction activities in Removal Areas 10B, 11B, and 12B, including the placement of top soil, seeding, and the installation of erosion control fabric.
- Continue soil/sediment solidification activities at Staging Areas 4N.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Complete removal and disposal of materials from Staging Area 3S, including HDPE geomembrane liner, geotextile fabric, and aggregate material.
- Continue the installation of the resuspension control system for Mid-Channel Area B.
- Continue operation of the WCS.

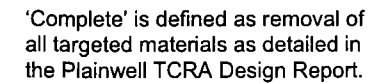
Removal Progress



Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.



Health & Safety Update

- 4 Loss Prevention Observations (LPOs) were completed during this period.
A total of 181 LPOs have been completed for the project to date.

Weather Summary

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 56,574 gallons (Staging Area 4N) and 39,557 gallons (Staging Area 5S)
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☐ Yes ☒ in Removal Area 11A.
Cleanup Standard Achieved? N/A ☐ Yes ☐ No ☒ If no, explain: Laboratory analytical results of two grids (one bank soil sample and an adjacent floodplain sample) were above the cleanup criteria. The bank soil sample grid was re-excavated and re-sampled. Analysis of the second sample of re-excavated bank soil sample grid indicated the cleanup criteria had been achieved.
The floodplain sample grid is scheduled to be re-excavated and re-sampled in the upcoming week.

Issues Encountered/Solutions Advanced

- None.

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Equipment on Site

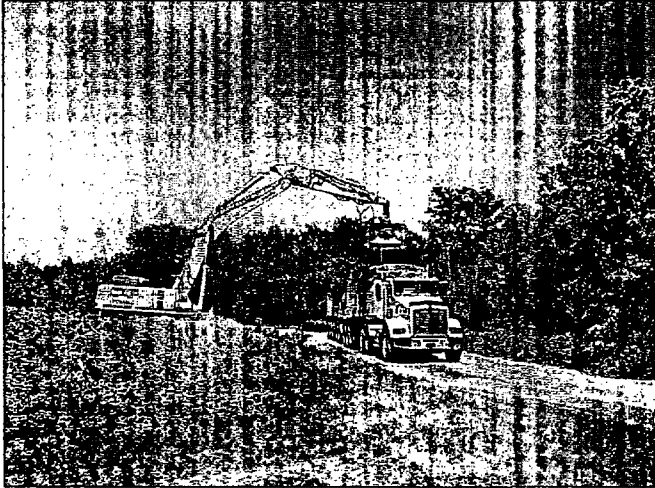
Equipment	7/10/08	7/11/08	7/12/08	7/13/08	7/14/08	7/15/08	7/16/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	1	1
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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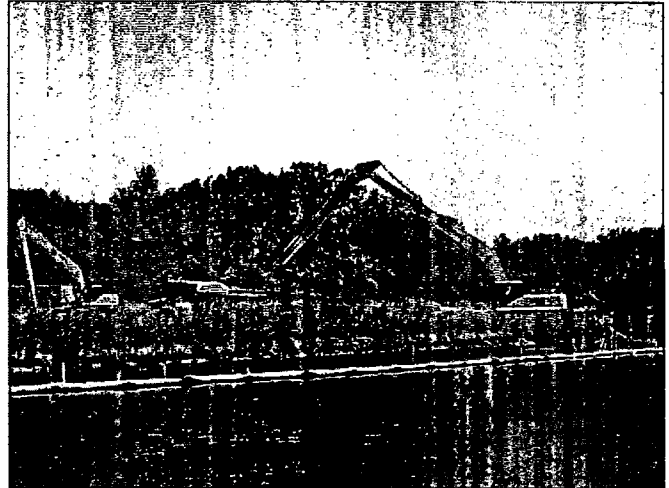
Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	7/10/08	7/11/08	7/12/08	7/13/08	7/14/08	7/15/08	7/16/08
Terra Contracting Staff	25	25			25	25	25
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Don de Blasio/USEPA							
Mike Ribordy/USEPA OSC	X	X				X	X
Tom Crosetto/USEPA OSC							
Paul Bucholtz/MDEQ							X
Polly Synk/MDEQ							X
Judith Gapp/MDEQ							
Todd Goeks/NOAA							X
John Lerg/MDNR							X
Sharon Hanshue/MDNR							X
Lisa Williams/USFWS							X
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X				X	X
Chase Fortenberry/KRSG							X
Mark Brown/KRSG							
Paul Monteny/KRSG							
Eric Schmidt/KRSG							
Suda Arakere/KRSG							
Steve Garbaciak/ARCADIS							X
Mike Erickson/ARCADIS							
Scott Marcus/ARCADIS	X	X			X	X	X
Eric Hritsuk/ARCADIS	X						
Matt Bowman/ARCADIS							X
EJ Suardini/ARCADIS					X	X	X
Mike Kohagen/ARCADIS	X	X			X	X	X
Michelle Rumler/ARCADIS	X	X			X	X	X
Joe Willoughby/ARCADIS	X	X			X	X	X
Ben Lawrence/ARCADIS	X	X			X	X	X
Dave Patterson/ARCADIS							
ARCADIS H&S Audit Team							
Nick Harmer/ARCADIS	X	X			X	X	X
Other Subcontractors (Specify)							
King Co.						2	
JF New						3	3

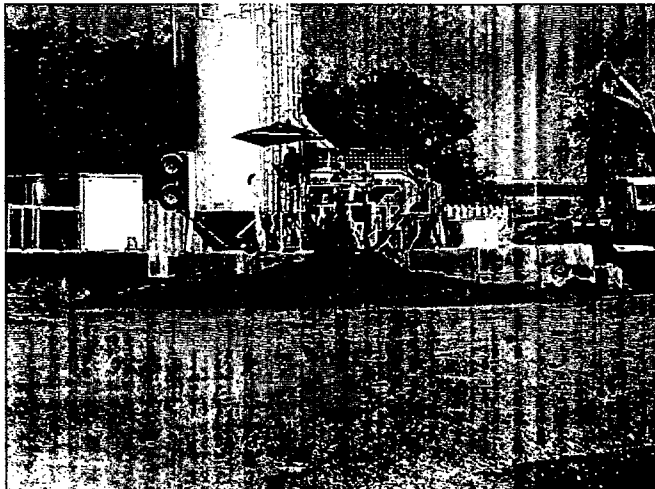
Photos from July 10-July 16, 2008



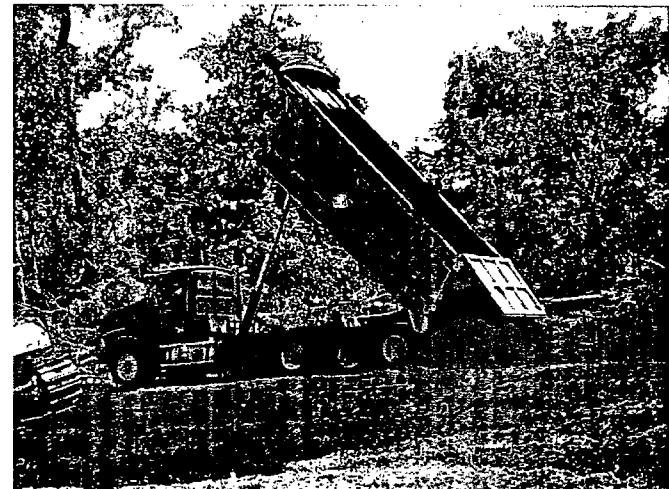
Loading soil and sediment from
a stockpile location near Removal Area 12A.



Excavating soil and sediment in Removal Area 12A.



Solidifying soil and sediment at Staging Area 4N.



Placing topsoil in Removal Area 11B.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.